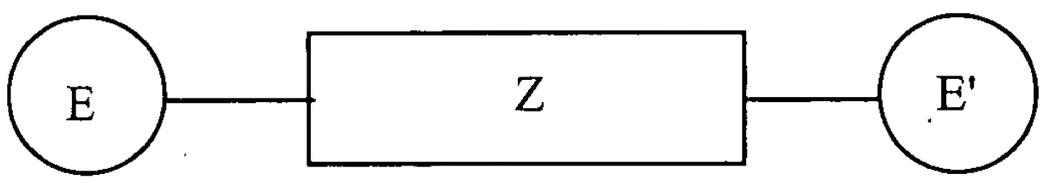
LISTING OF CLAIMS

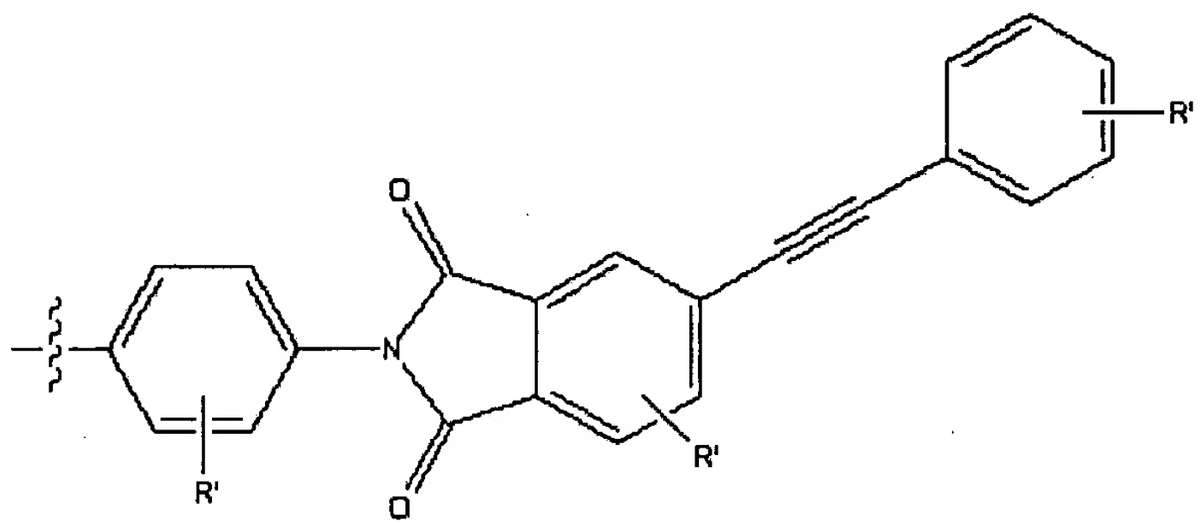
Claims 1-10 (canceled).

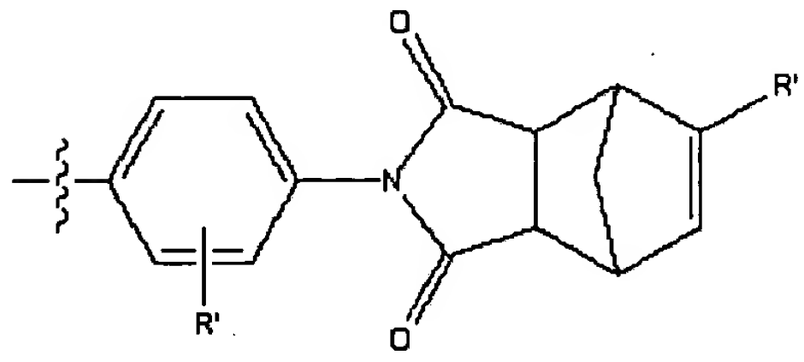
11. (Currently Amended) An oligomer mixture with self-reactive end-caps ~~prepared by a melt condensation process,~~ comprising the general structure:



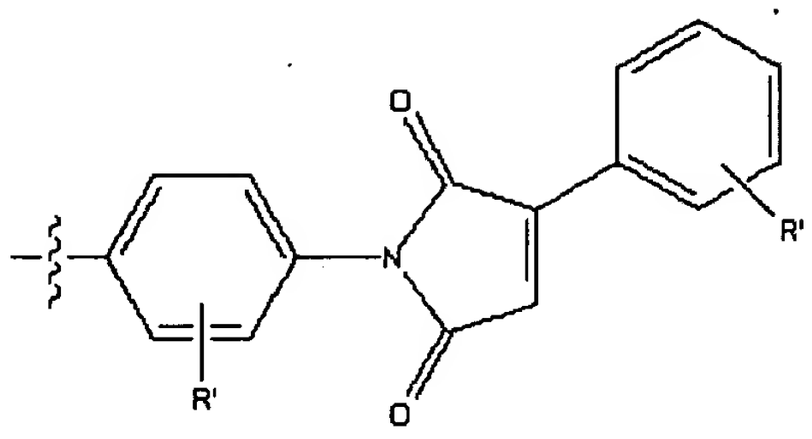
wherein Z is a liquid crystal backbone of the oligomer mixture selected from the group consisting of an ester, an ester-imide and an ester-amide, the liquid crystal backbone of the oligomer mixture being entirely aromatic in composition,

wherein E and E' are selected from the group consisting of





, and



and wherein R' is selected from the group consisting of hydrogen, alkyl groups containing six or less carbon atoms, aryl groups containing less than ten carbon atoms, lower alkoxy groups containing six or less carbons, lower aryloxy groups containing ten or less carbon atoms, fluorine, chlorine, bromine, and iodine.

12. (Canceled)

13. (Currently Amended) An oligomer mixture with self-reactive end-caps as claimed in claim ~~11~~ 21, wherein E and E' are identical.

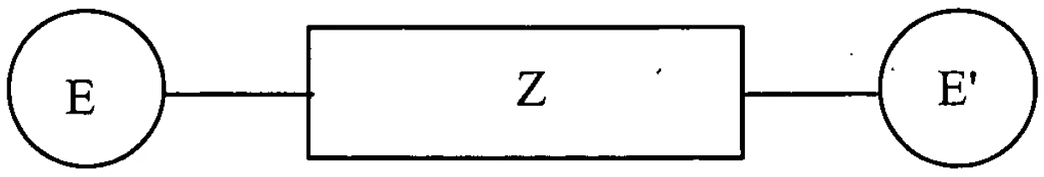
14. (Currently Amended) An oligomer mixture with self-reactive end-caps as claimed in claim ~~11~~ 21, wherein the molecular weight range of the oligomers is between approximately 1000 and approximately 15,000 grams per mole.

15. (Currently Amended) An oligomer mixture with self-reactive end-caps as claimed in claim ~~11~~ 21, wherein the melt ~~viscosities~~ viscosity of the oligomer mixture is between approximately 1 and approximately 250 poise at approximately 200° C to approximately 350° C.

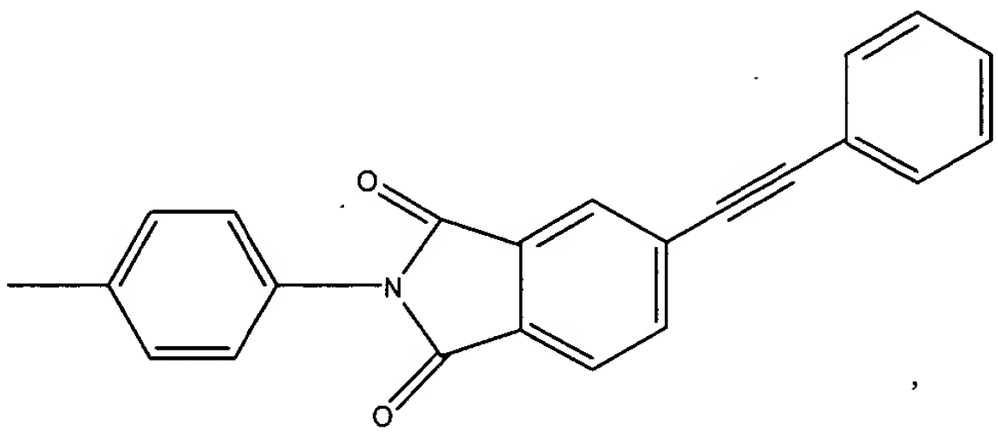
16. (Currently Amended) A polymer product comprising an oligomer mixture with self-reactive end-caps according to claim ~~11~~ 21 wherein said product is prepared by a process selected from the group consisting of melt processing, molding, fiber spinning, reactive injection molding (RIM), resin transfer molding (RTM), resin film injecting (RFI), power molding, induction molding, blow molding, thermo-forming, plasma spraying, and pultrusion molding.

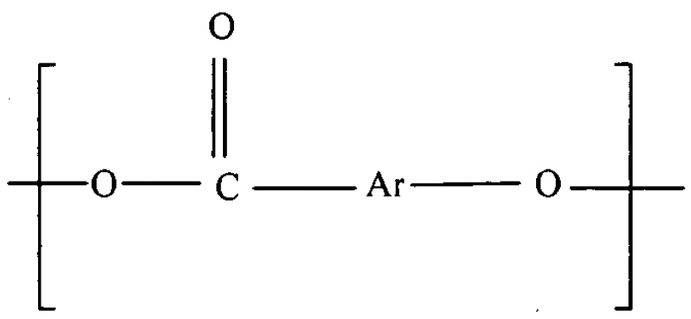
17. (Previously Presented) The polymer product of claim 16 wherein said product is a form selected from a group consisting of a fibre, filament, coating, film, lining, tube, pipe, sheath, sheet, and panel.

18. (Previously Presented) An oligomer mixture with self-reactive end-caps comprising the general structure

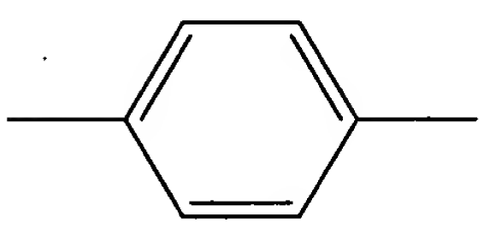
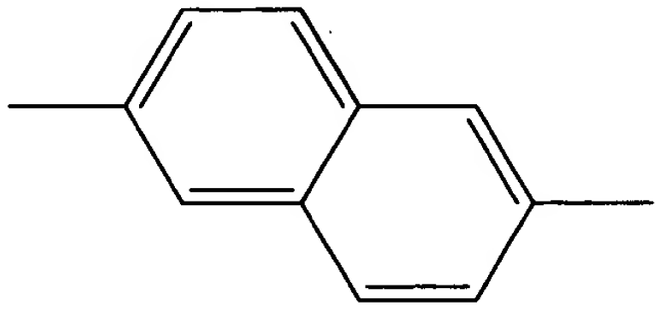


wherein

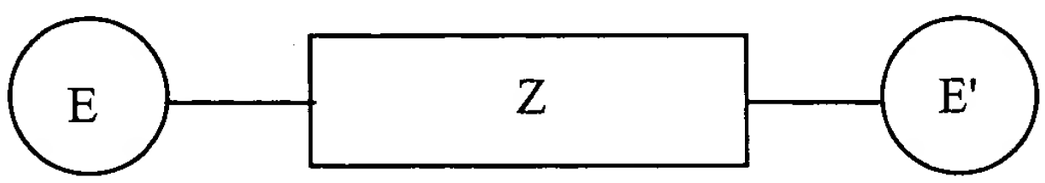
E and E' are 

Z is 

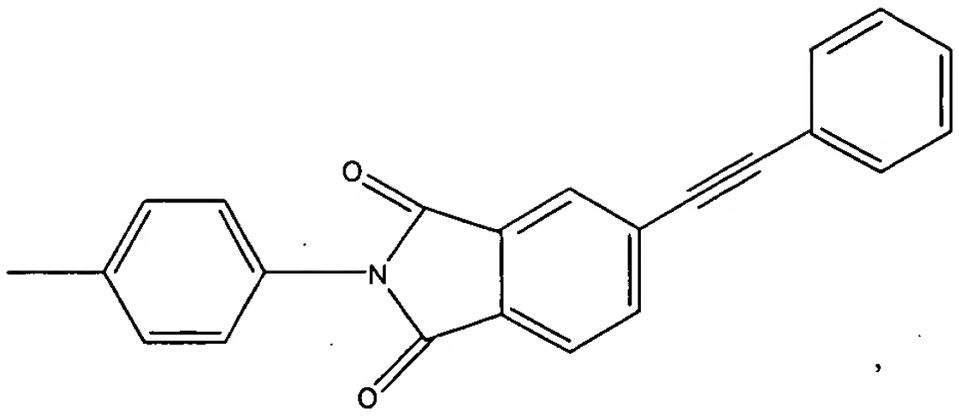
wherein Ar is

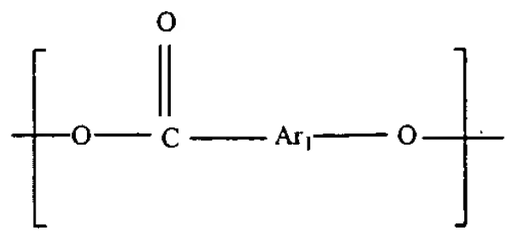
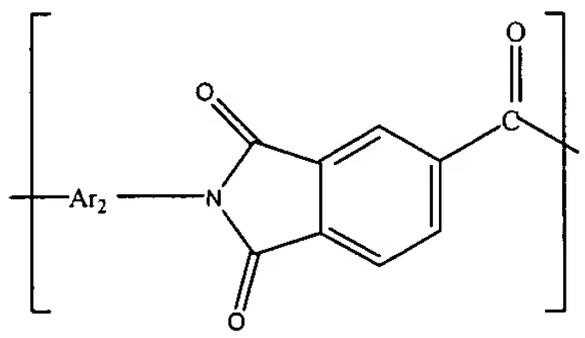
 and 

19. (Previously Presented) An oligomer mixture with self-reactive end-caps comprising the general structure

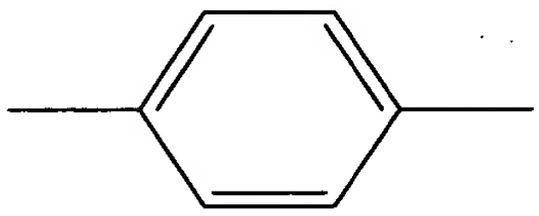


wherein

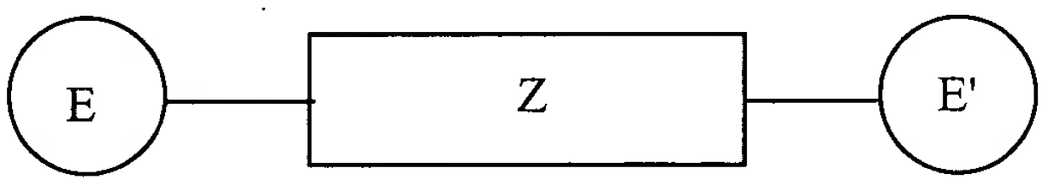
E and E' are 

Z is  , and 

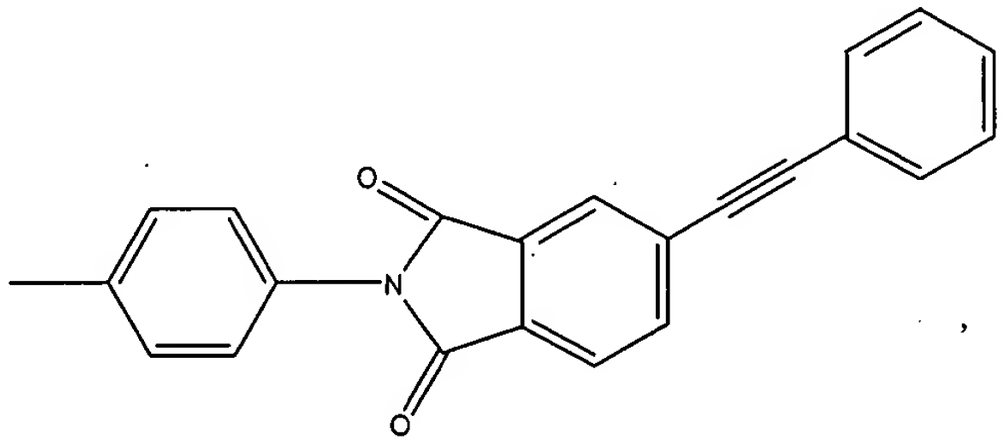
wherein Ar_1 and Ar_2 are



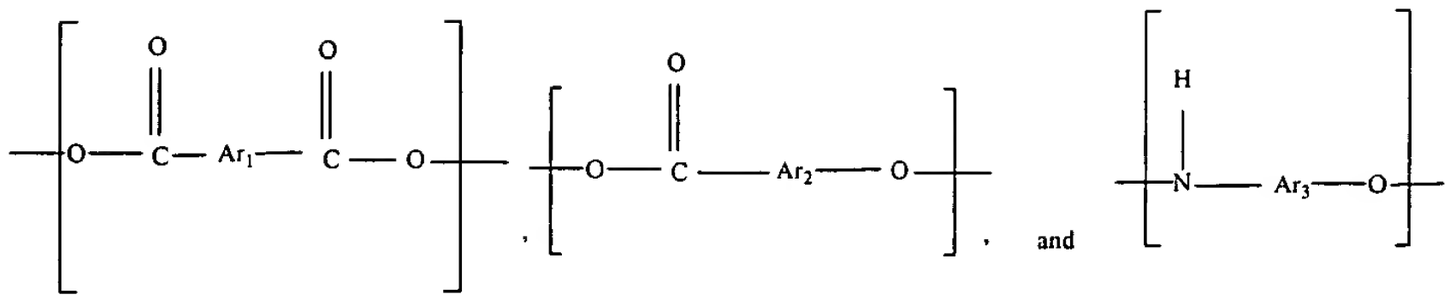
20. (Previously Presented) An oligomer mixture with self-reactive end-caps comprising the general structure



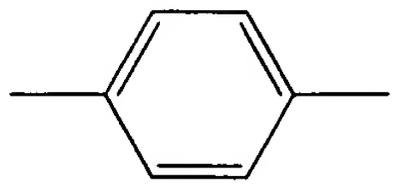
wherein

E and E' are 

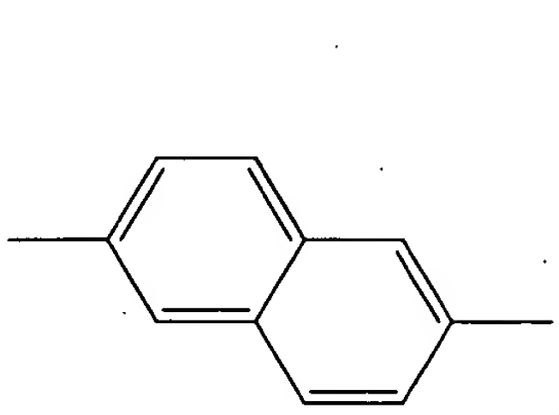
and Z is selected from the group consisting of



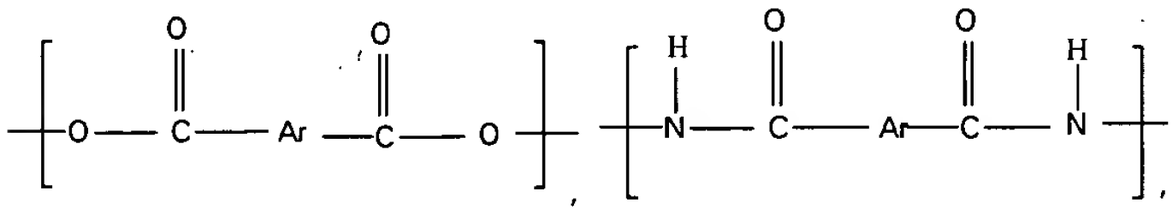
where Ar_1 and Ar_3 are

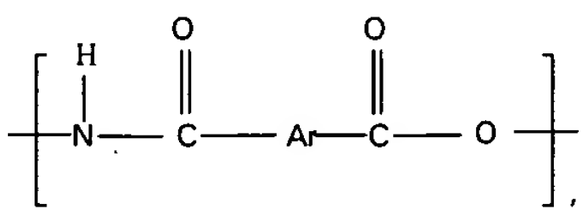


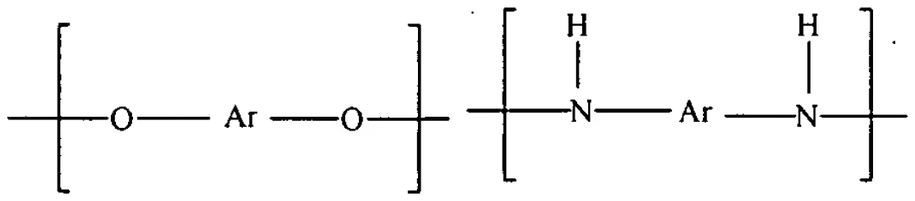
and Ar_2 is

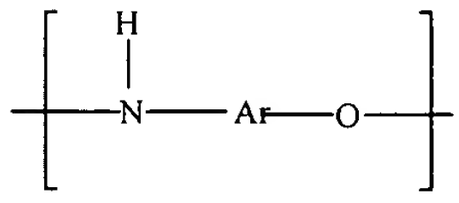


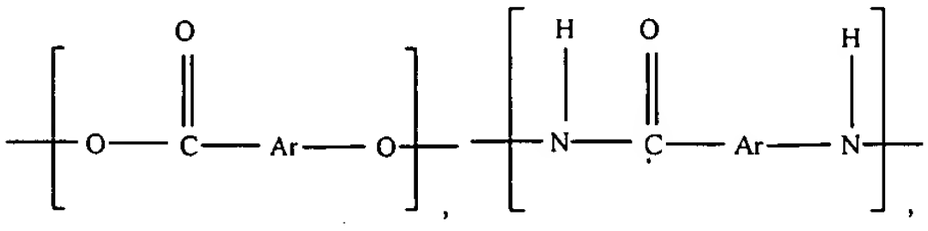
21. (New) An oligomer mixture with self-reactive end-caps as claimed in claim 11, wherein Z is an entirely aromatic liquid crystal backbone of the oligomer mixture having at least one structural repeat unit selected from the group consisting of

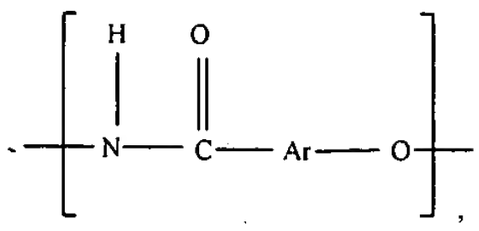


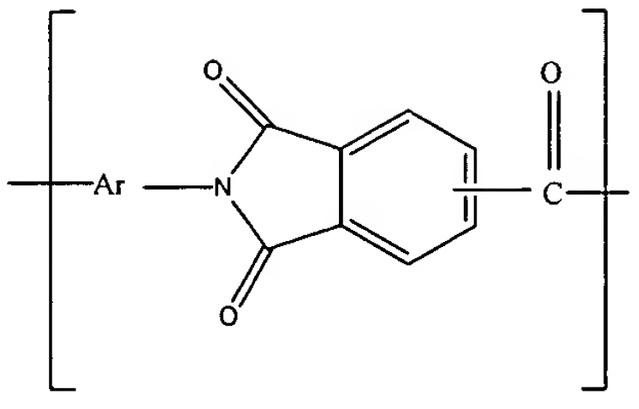




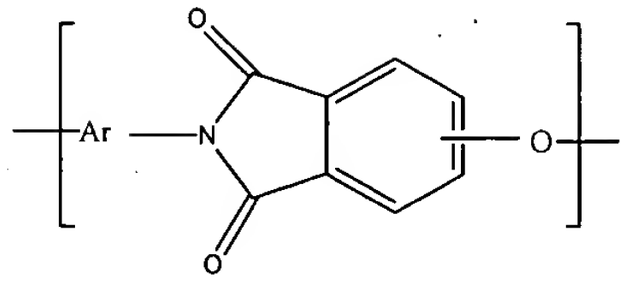




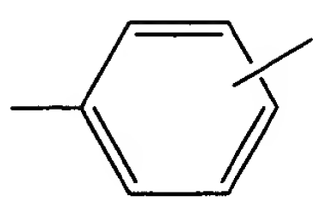
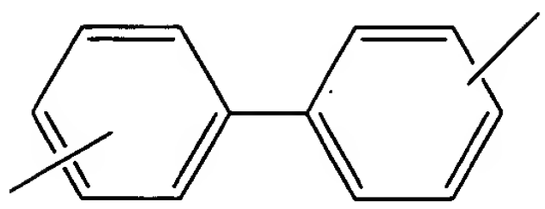
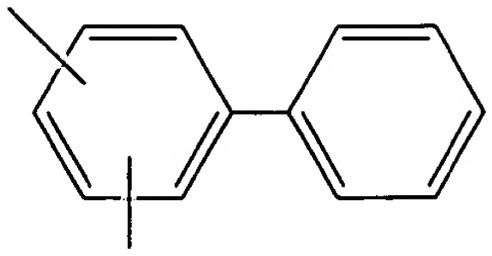
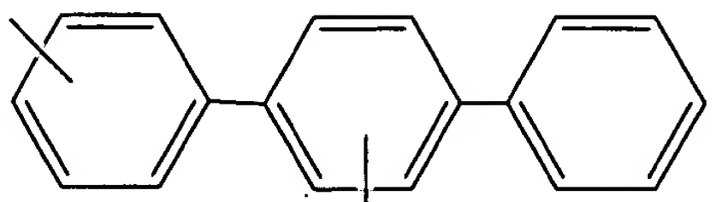
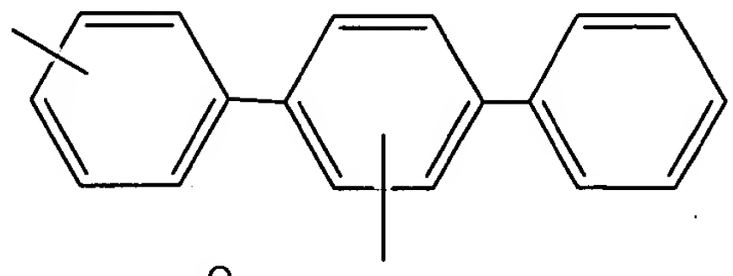
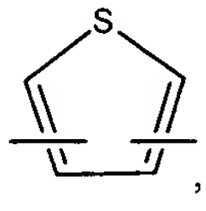
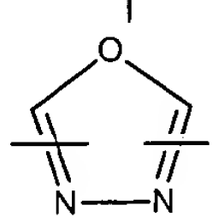
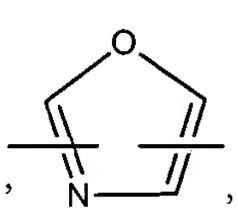
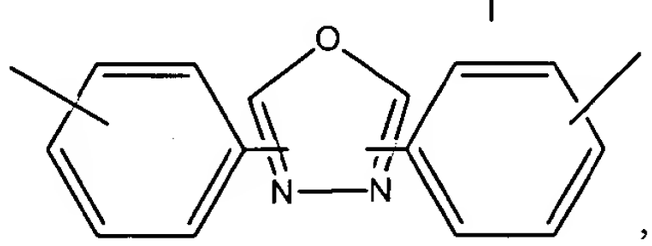
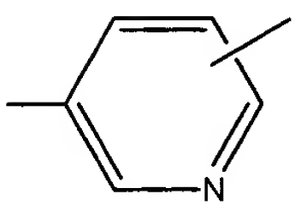
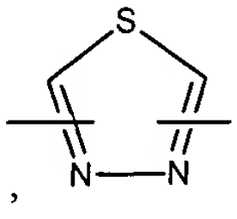
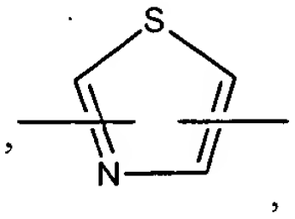
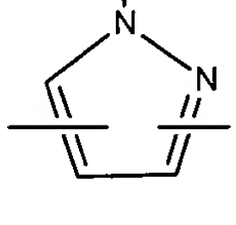
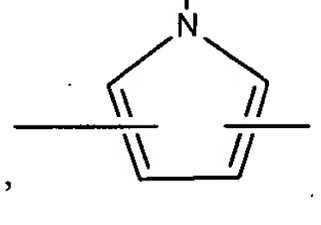
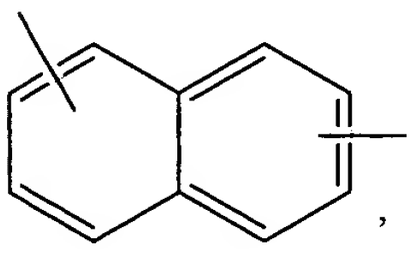
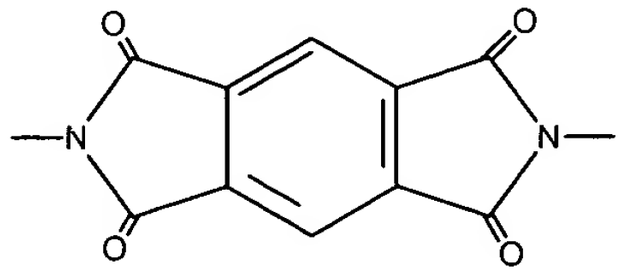
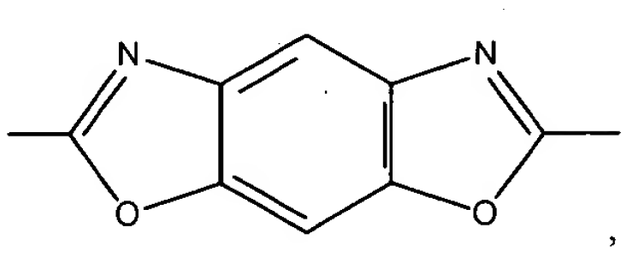
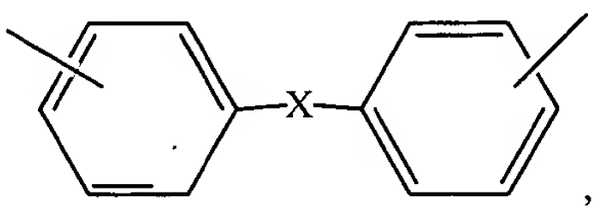
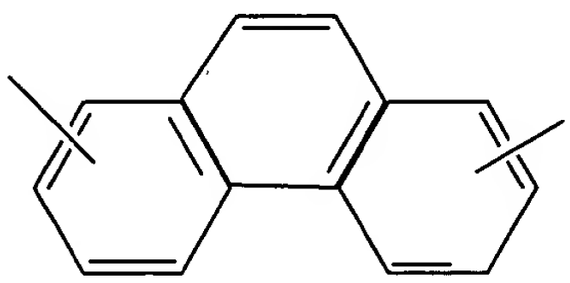
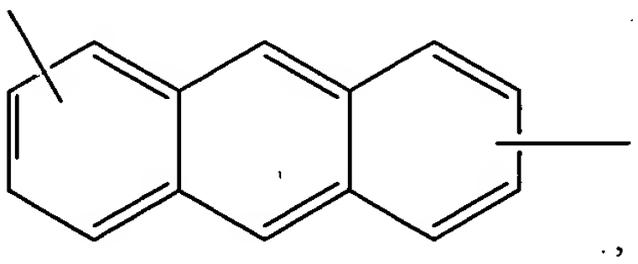




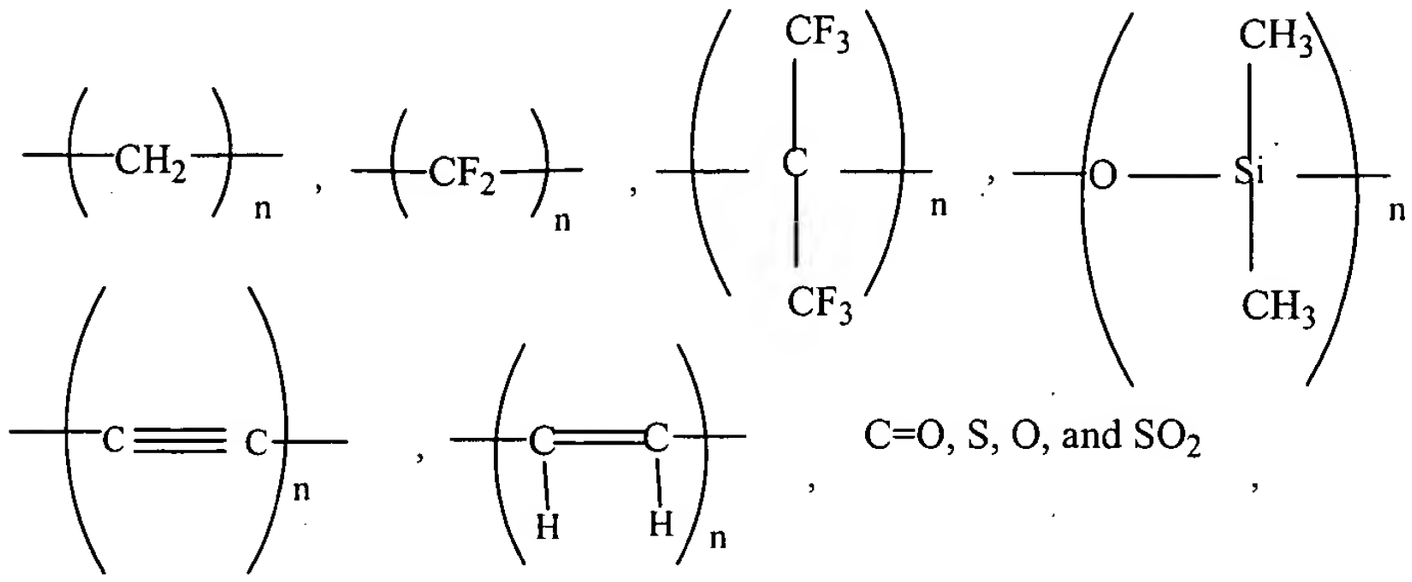
and



wherein Ar is selected from the group consisting of

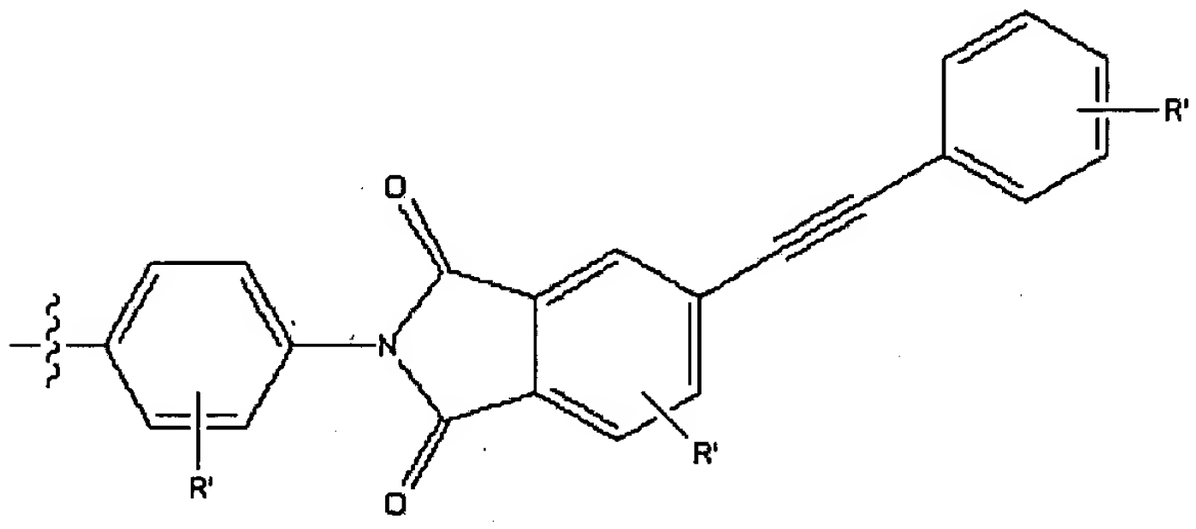

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,
and

,

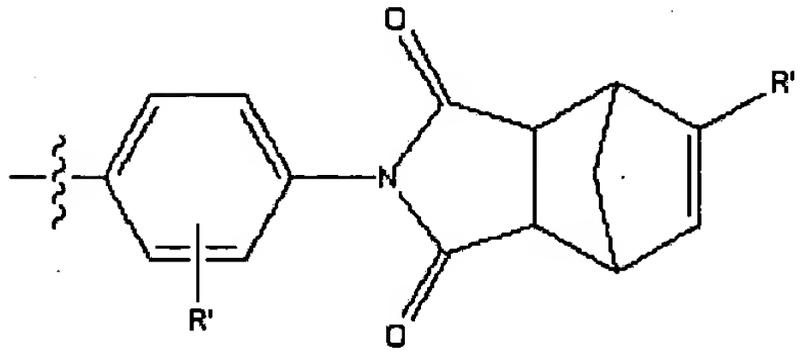
wherein X is selected from the group consisting of



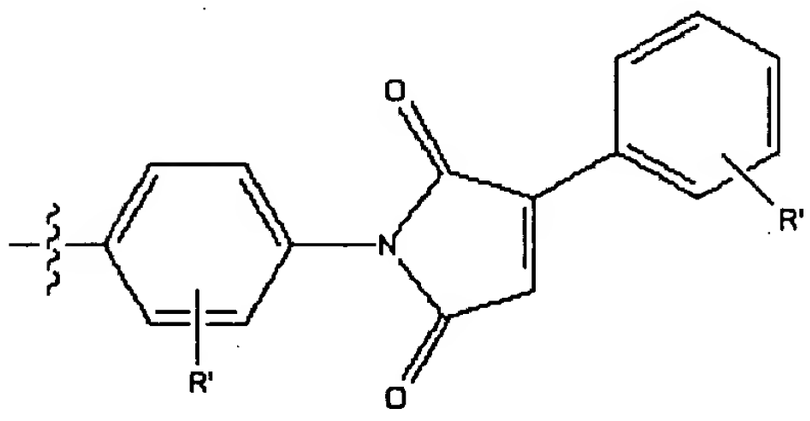
wherein n is a number less than 500,

wherein E and E' are selected from the group consisting of





, and



and wherein R' is selected from the group consisting of hydrogen, alkyl groups containing six or less carbon atoms, aryl groups containing less than ten carbon atoms,

lower alkoxy groups containing six or less carbons, lower aryloxy groups containing ten or less carbon atoms, fluorine, chlorine, bromine, and iodine.